

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L1 same solub\$6	17

Database: 
 US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L2

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

DATE: Thursday, June 05, 2003   [Printable Copy](#)   [Create Case](#)

Set Name   Query  
side by side

Hit Count   Set Name  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L2   L1 same solub\$6

17   L2

L1   huma\$5 same (phex\$5 or pex\$5 or xlh\$3 or hyp)

221   L1

END OF SEARCH HISTORY

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**Search Results - Record(s) 1 through 10 of 17 returned.**☐ 1. Document ID: US 20030082511 A1

L2: Entry 1 of 17

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082511  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030082511 A1

TITLE: Identification of modulatory molecules using inducible promoters

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brown, Steven J.	San Diego	CA	US	
Dunnington, Damien J.	San Diego	CA	US	
Clark, Imran	San Diego	CA	US	

US-CL-CURRENT: 435/4; 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

☐ 2. Document ID: US 20020177689 A1

L2: Entry 2 of 17

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177689  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020177689 A1

TITLE: Compounds for the treatment of sexual dysfunction

PUBLICATION-DATE: November 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Benson, Neil	Sandwich	CT	GB	
Boyd, Helen Frances	Sandwich	CT	GB	
Contillo, Leonard Gabriel	Oakdale		US	
Harrow, Ian Dennis	Sandwich		GB	
Phillips, Stephen Charles	Sandwich		GB	
Singleton, David Harlan	Noank		US	
Stacey, Peter	Sandwich		GB	
Walsh, Roderick Thomas	Sandwich		GB	
Wayman, Christopher Peter	Sandwich		GB	

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

☒ 3. Document ID: US 20020102707 A1

L2: Entry 3 of 17

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102707

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102707 A1

TITLE: Compounds for the treatment of sexual dysfunction

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harrow, Ian Dennis	County of Kent		GB	
Stacey, Peter	County of Kent		GB	
Walsh, Roderick Thomas	County of Kent		GB	
Wayman, Christopher Peter	County of Kent		GB	
Phillips, Stephen Charles	County of Kent		GB	

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

☐ 4. Document ID: US 20020086405 A1

L2: Entry 4 of 17

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086405

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020086405 A1

TITLE: 56638, a novel human neprilysin protease and uses thereof

PUBLICATION-DATE: July 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silos-Santiago, Inmaculada	Cambridge	MA	US	
Bandaru, Rajasekhar	Watertown	MA	US	

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

☐ 5. Document ID: US 6566130 B1

L2: Entry 5 of 17

File: USPT

May 20, 2003

US-PAT-NO: 6566130

DOCUMENT-IDENTIFIER: US 6566130 B1

TITLE: Androgen-regulated gene expressed in prostate tissue

DATE-ISSUED: May 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srivastava; Shiv	Potomac	MD		
Moul; Judd W.	Bethesda	MD		
Xu; Linda L.	Rockville	MD		
Segawa; Takehiko	Rockville	MD		

US-CL-CURRENT: 435/325; 435/252.3, 435/91.2, 536/23.5, 536/24.31, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KVMC Draw Desc

☐ 6. Document ID: US 6485963 B1

L2: Entry 6 of 17

File: USPT

Nov 26, 2002

US-PAT-NO: 6485963

DOCUMENT-IDENTIFIER: US 6485963 B1

TITLE: Growth stimulation of biological cells and tissue by electromagnetic fields and uses thereof

DATE-ISSUED: November 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wolf; David A.	Houston	TX		
Goodwin; Thomas J.	Friendswood	TX		

US-CL-CURRENT: 435/298.2; 435/299.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KVMC Draw Desc

☐ 7. Document ID: US 6426186 B1

L2: Entry 7 of 17

File: USPT

Jul 30, 2002

US-PAT-NO: 6426186

DOCUMENT-IDENTIFIER: US 6426186 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Bone remodeling genes

DATE-ISSUED: July 30, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jones; Karen A.	Essex			GB
Volkmoth; Wayne	Calabasas	CA		
Walker; Michael G.	Sunnyvale	CA		

US-CL-CURRENT: 435/6; 435/320.1, 435/440, 435/69.1, 514/44, 536/23.1, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

## 8. Document ID: US 6348334 B1

L2: Entry 8 of 17

File: USPT

Feb 19, 2002

US-PAT-NO: 6348334

DOCUMENT-IDENTIFIER: US 6348334 B1

TITLE: DNA encoding Fas ligand

DATE-ISSUED: February 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagata; Shigekazu	Osaka-fu			JP
Suda; Takashi	Osaka-fu			JP
Takahashi; Tomohiro	Tokyo			JP
Nakamura; Norio	Tokyo			JP

US-CL-CURRENT: 435/69.5; 435/252.3, 435/254.2, 435/320.1, 435/325, 435/70.1, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

## 9. Document ID: US 6335170 B1

L2: Entry 9 of 17

File: USPT

Jan 1, 2002

US-PAT-NO: 6335170

DOCUMENT-IDENTIFIER: US 6335170 B1

TITLE: Gene expression in bladder tumors

DATE-ISSUED: January 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Orntoft; Torben F.	DK 8230 Aabyhoj			DK

US-CL-CURRENT: 435/6; 435/91.1, 435/91.2, 536/23.1, 536/24.3, 536/24.31, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC Draw Desc

10. Document ID: US 6093794 A

L2: Entry 10 of 17

File: USPT

Jul 25, 2000

US-PAT-NO: 6093794

DOCUMENT-IDENTIFIER: US 6093794 A

TITLE: Isolated peptides derived from the Epstein-Barr virus containing fusion inhibitory domains

DATE-ISSUED: July 25, 2000

## INVENTOR-INFORMATION:

NAME

Barney; Shawn O'Lin

Lambert; Dennis Michael

Petteway; Stephen Robert

CITY

Cary

Cary

Cary

STATE

NC

NC

NC

ZIP CODE

COUNTRY

US-CL-CURRENT: 530/300; 424/186.1, 424/230.1, 530/324, 530/325, 530/326, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC Draw Desc

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L1 same solub\$6	17

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**Search Results - Record(s) 11 through 17 of 17 returned.**☐ 11. Document ID: US 6054265 A

L2: Entry 11 of 17

File: USPT

Apr 25, 2000

US-PAT-NO: 6054265

DOCUMENT-IDENTIFIER: US 6054265 A

TITLE: Screening assays for compounds that inhibit membrane fusion-associated events

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barney; Shawn O'Lin	Cary	NC		
Lambert; Dennis Michael	Cary	NC		
Petteway, Jr.; Stephen Robert	Cary	NC		

US-CL-CURRENT: 435/5; 435/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

☐ 12. Document ID: US 6017536 A

L2: Entry 12 of 17

File: USPT

Jan 25, 2000

US-PAT-NO: 6017536

DOCUMENT-IDENTIFIER: US 6017536 A

TITLE: Simian immunodeficiency virus peptides with antifusogenic and antiviral activities

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barney; Shawn O'Lin	Cary	NC		
Lambert; Dennis Michael	Cary	NC		
Petteway; Stephen Robert	Cary	NC		
Langlois; Alphonse J.	Durham	NC		

US-CL-CURRENT: 424/188.1; 424/208.1, 530/300, 530/324, 530/325, 530/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

☐ 13. Document ID: US 6013263 A

L2: Entry 13 of 17

File: USPT

Jan 11, 2000

US-PAT-NO: 6013263

DOCUMENT-IDENTIFIER: US 6013263 A

TITLE: Measles virus peptides with antifusogenic and antiviral activities

DATE-ISSUED: January 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barney; Shawn O'Lin	Cary	NC		
Lambert; Dennis Michael	Cary	NC		
Petteway; Stephen Robert	Cary	NC		

US-CL-CURRENT: 424/212.1; 424/184.1, 424/186.1, 530/300, 530/324, 530/325, 530/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

☐ 14. Document ID: US 5427927 A

L2: Entry 14 of 17

File: USPT

Jun 27, 1995

US-PAT-NO: 5427927

DOCUMENT-IDENTIFIER: US 5427927 A

TITLE: Process for the enzymatic cleavage of recombinant proteins using IgA proteases

DATE-ISSUED: June 27, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meyer; Thomas F.	Tubingen			DE
Pohlner; Johannes	Tubingen			DE
Schumacher; Gunter	Bernried			DE
Dony; Carola	Starnberg			DE

US-CL-CURRENT: 435/69.7; 435/252.3, 435/252.33, 435/320.1, 435/69.52, 530/351,  
536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC Draw Desc

☐ 15. Document ID: US 5334511 A

L2: Entry 15 of 17

File: USPT

Aug 2, 1994

US-PAT-NO: 5334511

DOCUMENT-IDENTIFIER: US 5334511 A



TITLE: Isolated mink growth hormone genes, novel recombinant DNA and methods for producing mink growth hormone

DATE-ISSUED: August 2, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harada; Yasuhiro	Noda			JP
Nakano; Eiichi	Noda			JP
Tatsumi; Hiroki	Noda			JP
Umezu; Motoaki	Sendai			JP

US-CL-CURRENT: 435/69.4; 435/252.33, 435/320.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KUMC	Draw Desc
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☐ 16. Document ID: JP 01225494 A

L2: Entry 16 of 17

File: JPAB

Sep 8, 1989

PUB-NO: JP401225494A

DOCUMENT-IDENTIFIER: JP 01225494 A

TITLE: METHOD FOR SOLUBILIZING WATER-INSOLUBLE FUSED PROTEIN

PUBN-DATE: September 8, 1989

## INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAMOTO, KAZUHIKO	
MIURA, HITOSHI	

US-CL-CURRENT: 530/412

INT-CL (IPC): C12P 21/00; C07K 3/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KUMC	Draw Desc
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☐ 17. Document ID: JP 2002541776 W WO 200050580 A2 CA 2262056 A1 AU 200027900 A EP 1159412 A2

L2: Entry 17 of 17

File: DWPI

Dec 10, 2002

DERWENT-ACC-NO: 2000-565455

DERWENT-WEEK: 200301

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TITLE: Novel soluble human PHEX enzyme useful for treating phosphaturia and/or hypophosphatemia, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome

INVENTOR: BOILEAU, G; CRINE, P

PRIORITY-DATA: 1999CA-2262056 (February 24, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2002541776 W	December 10, 2002		080	C12N015/09
WO 200050580 A2	August 31, 2000	E	064	C12N009/64
CA 2262056 A1	August 24, 2000	E	000	C12N015/57
AU 200027900 A	September 14, 2000		000	C12N009/64
EP 1159412 A2	December 5, 2001	E	000	C12N009/64

INT-CL (IPC): A61 K 38/46; A61 K 38/48; A61 K 39/00; A61 K 39/395; A61 K 48/00; A61 P 3/12; A61 P 19/08; C07 K 16/40; C12 M 1/00; C12 N 1/15; C12 N 1/19; C12 N 1/21; C12 N 5/10; C12 N 5/16; C12 N 9/48; C12 N 9/64; C12 N 15/02; C12 N 15/09; C12 N 15/57; C12 N 15/62; C12 P 21/08; C12 Q 1/37; G01 N 33/53; G01 N 33/573; G01 N 33/577

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMC Draw Desc

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L1 same solub\$6

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=> d his

(FILE 'HOME' ENTERED AT 19:28:45 ON 05 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,  
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 19:28:57 ON  
05 JUN 2003

SEA ENDOPEPTIDAS? AND (PHEX? OR PEX? OR XLH? OR HYP?)

-----  
10166 FILE ADISCTI  
117 FILE ADISINSIGHT  
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9 FILE AGRICOLA  
3 FILE ANABSTR  
2 FILE AQUASCI  
15 FILE BIOBUSINESS  
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914 FILE BIOSIS  
34 FILE BIOTECHABS  
34 FILE BIOTECHDS  
210 FILE BIOTECHNO  
50 FILE CABA  
889 FILE CANCERLIT  
873 FILE CAPLUS  
12 FILE CIN  
11 FILE CONFSCI  
1 FILE CROPU  
8 FILE DDFB  
697 FILE DDFU  
355 FILE DGENE  
8 FILE DRUGB  
31 FILE DRUGNL  
762 FILE DRUGU  
30 FILE DRUGUPDATES  
13 FILE EMBAL  
801 FILE EMBASE  
340 FILE ESBIOBASE  
452 FILE FEDRIP  
2 FILE FROSTI  
6 FILE FSTA  
417 FILE GENBANK  
62 FILE IFIPAT  
78 FILE JICST-EPLUS  
160 FILE LIFESCI  
3420 FILE MEDLINE  
8 FILE NIOSHTIC  
4 FILE NTIS  
2674 FILE PASCAL  
34 FILE PHAR  
15 FILE PHARMAML  
1 FILE PHIC  
36 FILE PHIN  
67 FILE PROMT  
1 FILE RDISCLOSURE  
1100 FILE SCISEARCH  
998 FILE TOXCENTER  
1759 FILE USPATFULL  
50 FILE USPAT2  
2 FILE VETU  
166 FILE WPIDS  
166 FILE WPINDEX  
9 FILE IPA  
5 FILE NAPRALERT  
31 FILE NLDB  
L1 QUE ENDOPEPTIDAS? AND (PHEX? OR PEX? OR XLH? OR HYP?)  
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FILE 'ADISCTI, MEDLINE, PASCAL, USPATFULL, SCISEARCH, TOXCENTER, BIOSIS,  
CANCERLIT, CAPLUS, EMBASE, DRUGU, FEDRIP, GENBANK, DGENE, ESBIODASE,  
BIOTECHNO, WPIDS, LIFESCI, ADISINSIGHT' ENTERED AT 19:33:57 ON 05 JUN 2003

L2 3988637 S HUMAN? AND (PHEX? OR PEX? OR XLH? OR HYP?)  
L3 1035353 S HUMAN? (S) (PHEX? OR PEX? OR XLH? OR HYP?)  
L4 12684 S L3 (S) SOLUB?  
L5 45 S L3 (S) SOLUB? (S) (PHEX? OR PEX?)  
L6 26 DUP REM L5 (19 DUPLICATES REMOVED)

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NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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FILE 'HOME' ENTERED AT 19:28:45 ON 05 JUN 2003

=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 19:28:57 ON 05 JUN 2003

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> s endopeptidas? and (phex? or pex? or xlh? or hyp?)

10166 FILE ADISCTI  
 117 FILE ADISINSIGHT  
 17 FILE ADISNEWS  
 9 FILE AGRICOLA  
 3 FILE ANABSTR  
 2 FILE AQUASCI  
 15 FILE BIOBUSINESS  
 1 FILE BIOCOMMERCE  
 914 FILE BIOSIS  
 9 FILES SEARCHED...  
 34 FILE BIOTECHABS  
 34 FILE BIOTECHDS  
 210 FILE BIOTECHNO  
 50 FILE CABA  
 889 FILE CANCERLIT  
 14 FILES SEARCHED...  
 873 FILE CAPLUS  
 12 FILE CIN  
 11 FILE CONFSCI  
 1 FILE CROPU  
 8 FILE DDFB  
 697 FILE DDFU  
 355 FILE DGENE  
 8 FILE DRUGB  
 27 FILES SEARCHED...  
 31 FILE DRUGNL  
 762 FILE DRUGU  
 30 FILE DRUGUPDATES  
 13 FILE EMBAL  
 801 FILE EMBASE

340 FILE ESBIOWASE  
 33 FILES SEARCHED...  
   452 FILE FEDRIP  
     2 FILE FROSTI  
     6 FILE FSTA  
   417 FILE GENBANK  
     62 FILE IFIPAT  
     78 FILE JICST-EPLUS  
   160 FILE LIFESCI  
 45 FILES SEARCHED...  
   3420 FILE MEDLINE  
     8 FILE NIOSHTIC  
     4 FILE NTIS  
   2674 FILE PASCAL  
 51 FILES SEARCHED...  
   34 FILE PHAR  
   15 FILE PHARMAML  
     1 FILE PHIC  
   36 FILE PHIN  
   67 FILE PROMT  
     1 FILE RDISCLOSURE  
  1100 FILE SCISEARCH  
   998 FILE TOXCENTER  
 1759 FILE USPATFULL  
   50 FILE USPAT2  
     2 FILE VETU  
 65 FILES SEARCHED...  
   166 FILE WPIDS  
   166 FILE WPINDEX  
     9 FILE IPA  
     5 FILE NAPRALERT  
   31 FILE NLDB

55 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE ENDOPEPTIDAS? AND (PHEX? OR PEX? OR XLH? OR HYP?)

=> d rank

F1	10166	ADISCTI
F2	3420	MEDLINE
F3	2674	PASCAL
F4	1759	USPATFULL
F5	1100	SCISEARCH
F6	998	TOXCENTER
F7	914	BIOSIS
F8	889	CANCERLIT
F9	873	CAPLUS
F10	801	EMBASE
F11	762	DRUGU
F12	697	DDFU
F13	452	FEDRIP
F14	417	GENBANK
F15	355	DGENE
F16	340	ESBIOWASE
F17	210	BIOTECHNO
F18	166	WPIDS
F19	166	WPINDEX
F20	160	LIFESCI
F21	117	ADISINSIGHT
F22	78	JICST-EPLUS
F23	67	PROMT
F24	62	IFIPAT
F25	50	CABA
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F27	36	PHIN

F28	34	BIOTECHABS
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F34	17	ADISNEWS
F35	15	BIOBUSINESS
F36	15	PHARMAML
F37	13	EMBAL
F38	12	CIN
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F40	9	AGRICOLA
F41	9	IPA
F42	8	DDFB
F43	8	DRUGB
F44	8	NIOSHTIC
F45	6	FSTA
F46	5	NAPRALERT
F47	4	NTIS
F48	3	ANABSTR
F49	2	AQUASCI
F50	2	FROSTI
F51	2	VETU
F52	1	BIOCOMMERCE
F53	1	CROPU
F54	1	PHIC
F55	1	RDISCLOSURE

=> file f1-f21  
COST IN U.S. DOLLARS

SINCE FILE  
ENTRY  
4.40

TOTAL  
SESSION  
4.61

FULL ESTIMATED COST

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=> s human? and (phex? or pex? or xlh? or hyp?)  
3 FILES SEARCHED...  
7 FILES SEARCHED...  
10 FILES SEARCHED...  
14 FILES SEARCHED...  
16 FILES SEARCHED...  
L2 3988637 HUMAN? AND (PHEX? OR PEX? OR XLH? OR HYP?)

=> s human? (s) (phex? or pex? or xlh? or hyp?)  
3 FILES SEARCHED...  
6 FILES SEARCHED...  
8 FILES SEARCHED...  
11 FILES SEARCHED...  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'HUMAN? (S) '  
14 FILES SEARCHED...  
16 FILES SEARCHED...  
L3 1035353 HUMAN? (S) (PHEX? OR PEX? OR XLH? OR HYP?)

=> s l3 (s) solub?  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (S) SOLUB? '  
L4 12684 L3 (S) SOLUB?

=> s l3 (s) solub? (s) (phex? or pex?)  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (S) SOLUB? '  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'SOLUB? (S) '  
L5 45 L3 (S) SOLUB? (S) (PHEX? OR PEX?)

=> dup rem l5

DUPLICATE IS NOT AVAILABLE IN 'FEDRIP, GENBANK, DGENE, ADISINSIGHT'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L5  
L6 26 DUP REM L5 (19 DUPLICATES REMOVED)

=> d ti l6 1-26

L6 ANSWER 1 OF 26 USPATFULL  
TI Identification of modulatory molecules using inducible promoters

L6 ANSWER 2 OF 26 USPATFULL  
TI Libraries of expressible gene sequences

L6 ANSWER 3 OF 26 USPATFULL  
TI Method of improving cognitive function

L6 ANSWER 4 OF 26 USPATFULL  
TI Androgen-regulated gene expressed in prostate tissue

L6 ANSWER 5 OF 26 USPATFULL  
TI Compounds for the treatment of sexual dysfunction

L6 ANSWER 6 OF 26 USPATFULL  
TI TNF and IFN stimulated genes and uses therefor

L6 ANSWER 7 OF 26 USPATFULL  
TI Compounds for the treatment of sexual dysfunction

L6 ANSWER 8 OF 26 USPATFULL  
TI 56638, a novel human neprilysin protease and uses thereof

L6 ANSWER 9 OF 26 USPATFULL  
TI Growth stimulation of biological cells and tissue by electromagnetic fields and uses thereof

L6 ANSWER 10 OF 26 USPATFULL  
TI Bone remodeling genes

L6 ANSWER 11 OF 26 USPATFULL  
TI DNA encoding Fas ligand

L6 ANSWER 12 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 1  
TI Human Pex19p binds peroxisomal integral membrane proteins at regions distinct from their sorting sequences

L6 ANSWER 13 OF 26 MEDLINE DUPLICATE 2  
TI Characterization of PHEX endopeptidase catalytic activity: identification of parathyroid-hormone-related peptide107-139 as a substrate and osteocalcin, PPi and phosphate as inhibitors.

L6 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3  
TI Soluble form of human PHEX and its production with recombinant cells

L6 ANSWER 15 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 4  
TI The peroxin Pex3p initiates membrane assembly in peroxisome biogenesis

L6 ANSWER 16 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 5  
TI Newly identified Chinese hamster ovary cell mutants are defective in biogenesis of peroxisomal membrane vesicles (peroxisomal ghosts), representing a novel complementation group in mammals

L6 ANSWER 17 OF 26 USPATFULL  
TI Process for the enzymatic cleavage of recombinant proteins using IgA proteases

L6 ANSWER 18 OF 26 USPATFULL  
 TI Isolated mink growth hormone genes, novel recombinant DNA and methods for producing mink growth hormone

L6 ANSWER 19 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 6  
 TI CONSTRUCTION OF A NEW FAMILY OF HIGH EFFICIENCY BACTERIAL EXPRESSION VECTORS IDENTIFICATION OF COMPLEMENTARY DNA CLONES CODING FOR HUMAN LIVER PROTEIN.

L6 ANSWER 20 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI New matrix metalloprotease-2 derivative peptides, are alpha-v-beta-3 integrin receptor inhibitors useful e.g. for treating thrombosis, cardiac infarction, tumors, osteoporosis, inflammation or infections -

L6 ANSWER 21 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

L6 ANSWER 22 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

L6 ANSWER 23 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

L6 ANSWER 24 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

L6 ANSWER 25 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

L6 ANSWER 26 OF 26 DGENE (C) 2003 THOMSON DERWENT  
 TI Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

=> d 16 14 21 ibib abs

L6 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3  
 ACCESSION NUMBER: 2000:608890 CAPLUS  
 DOCUMENT NUMBER: 133:204744  
 TITLE: **Soluble form of human PHEX**  
 and its production with recombinant cells  
 INVENTOR(S): Crine, Philippe; Boileau, Guy  
 PATENT ASSIGNEE(S): Universite De Montreal, Can.  
 SOURCE: PCT Int. Appl., 64 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050580	A2	20000831	WO 2000-CA201	20000224
WO 2000050580	A3	20010802		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1159412	A2	20011205	EP 2000-906114	20000224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002541776	T2	20021210	JP 2000-601144	20000224
PRIORITY APPLN. INFO.:			CA 1999-2262056	A 19990224
			WO 2000-CA201	W 20000224

AB This invention relates to a sol. form of PHEX (aka PEX), PHEX being a type II integral membrane glycoprotein. This enzyme is the gene product of a phosphate-regulating gene with homologies to endopeptidases on the X chromosome. To produce a sol. form of PHEX, the transmembrane anchor domain has been modified to encode a signal peptidase coding sequence. The sol. PHEX therefore comprises the active ectodomain. An inactive mutant of PHEX is also an object of this invention. Both sol. and inactive mutant forms of PHEX can be used to screen ligands to PHEX. These ligands can also be used as substrates or inhibitors of PHEX. PHEX being phosphaturic, an inhibitor thereof will be used to treat phosphaturia and/or hypophosphatemia. Also, a substrate for PHEX or PHEX itself can be used to treat hyperphosphatemia.

REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 21 OF 26 DGENE (C) 2003 THOMSON DERWENT

ACCESSION NUMBER: AAY96190 protein DGENE

TITLE: Novel **soluble human PHEX** enzyme useful for treating phosphaturia and/or **hypophosphatemia**, is a gene product of phosphate-regulating gene having homology to endopeptidase on X chromosome -

INVENTOR: Crine P; Boileau G

PATENT ASSIGNEE: (UYMO-N)UNIV MONTREAL.

PATENT INFO: WO 2000050580 A2 20000831 64p

APPLICATION INFO: WO 2000-CA201 20000224

PRIORITY INFO: CA 1999-2262056 19990224

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-565455 [52]

DESCRIPTION: Human PHEX.

AN AAY96190 protein DGENE

AB The present sequence is that of **human PHEX** (a gene product of phosphate-regulating gene with homology to endopeptidase on X chromosome). Absence of a functioning **PHEX** gene is associated with **hypophosphatemia**. **PHEX** is a type II integral membrane glycoprotein. To produce a **soluble** form of **PHEX**, the transmembrane anchor domain was modified with a signal peptidase coding sequence (see AAY96188 and AAY96189). The **soluble PHEX** thus comprised the active ectodomain. An inactive **PHEX** can also constructed by replacement of the Glu-582 residue by a hydrophobic amino acid residue, especially valine.

Soluble and inactive mutant forms of PHEX can be used to screen ligands to PHEX. These ligands are used as substrates or inhibitors of PHEX. Since PHEX is phosphaturic, an inhibitor can be used to treat phosphaturia and/or hypophosphatemia. A substrate for PHEX, or PHEX itself, can be used to treat hyperphosphatemia, including its most frequent manifestations, secondary hyperparathyroidism and renal osteodystrophy.

=> d his

(FILE 'HOME' ENTERED AT 19:28:45 ON 05 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 19:28:57 ON 05 JUN 2003

SEA ENDOPEPTIDAS? AND (PHEX? OR PEX? OR XLH? OR HYP?)

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10166 FILE ADISCTI  
117 FILE ADISINSIGHT  
17 FILE ADISNEWS  
9 FILE AGRICOLA  
3 FILE ANABSTR  
2 FILE AQUASCI  
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4 FILE NTIS  
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15 FILE PHARMAML  
1 FILE PHIC  
36 FILE PHIN  
67 FILE PROMT

1 FILE RDISCLOSURE  
 1100 FILE SCISEARCH  
 998 FILE TOXCENTER  
 1759 FILE USPATFULL  
 50 FILE USPAT2  
 2 FILE VETU  
 166 FILE WPIDS  
 166 FILE WPINDEX  
 9 FILE IPA  
 5 FILE NAPRALERT  
 31 FILE NLDB

L1 QUE ENDOPEPTIDAS? AND (PHEX? OR PEX? OR XLH? OR HYP?)  
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FILE 'ADISCTI, MEDLINE, PASCAL, USPATFULL, SCISEARCH, TOXCENTER, BIOSIS, CANCERLIT, CAPLUS, EMBASE, DRUGU, FEDRIP, GENBANK, DGENE, ESBIODASE, BIOTECHNO, WPIDS, LIFESCI, ADISINSIGHT' ENTERED AT 19:33:57 ON 05 JUN 2003

L2 3988637 S HUMAN? AND (PHEX? OR PEX? OR XLH? OR HYP?)

L3 1035353 S HUMAN? (S) (PHEX? OR PEX? OR XLH? OR HYP?)

L4 12684 S L3 (S) SOLUB?

L5 45 S L3 (S) SOLUB? (S) (PHEX? OR PEX?)

L6 26 DUP REM L5 (19 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

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